



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

B.3
11/19/80
MEMORANDUM

154017

DATE: November 19, 1980

TO: FILE

FROM: Jim Kelty

SUBJECT: COOPERATIVE SAMPLING BETWEEN IEPA AND MONSANTO CHEMICAL COMPANY AT DEAD CREEK, CAHOKIA, ILLINOIS, ON OCTOBER 2, 1980

On October 2, 1980 Jim Kelty and Geoff Langley of the Illinois Environmental Protection Agency and Paul Heisler and Dick Sinise of Monsanto Chemical Company jointly sampled three soil areas in Dead Creek between Queeny Road and Judith Lane. Also sampled was the private well at Theresa's Greenhouse, 101 Walnut Street, Cahokia, Illinois. It was agreed to analyze the three soil samples for PCB's and total phosphorous, and the well sample for PCB's only.

The following are the analytical results as reported by the Illinois EPA laboratories and Monsanto Chemical Co.

SAMPLE SITE	PCB's	MONSANTO	TOTAL PHOSPHOROUS	
	IEPA		IEPA	MONSANTO
1) Soil 40 yards south of Queeny Road labeled "N"	10,000	13,000	2000	2500
2) Soil Sample labeled "C" taken 268 steps south of sample "N"	350	240	8900	13,000
3) Soil Sample labeled "S" taken 270 steps south of sample "C"	73	45	4700	9400
4) Water Sample taken from private well at 101 Walnut Street, Cahokia, Illinois	N.D.*	N.D.*	N.A.**	N.A.

*None Detected (lower detectable limit for PCB's in water is 0.1 PPB).

** Sample not analyzed for phosphorous.

JK:jks